the producer 0*38x650=247 calories, plus combustible value of C, i.e., 8,080 calories, or a total of 8,327 calories, from which gas with a combustible value of 6,941 calories originates. The efficiency therefore will be ^i^9=83
8,o^7
per cent., as against 77 per cent, by the employment of cold air.
But the improvement in quality of the gas, as the combustible value has been increased from 1,228 to 1,408 calories per cubic metre, is not inconsiderable.